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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=19; hr=13; min=41; sec=43; ms=274; ]

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Application No: 10705300 Version No: 3.1

Input Set:

Output Set:

Started: 2008-03-19 13:40:30.679  
Finished: 2008-03-19 13:40:32.486  
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 807 ms  
Total Warnings: 0  
Total Errors: 2  
No. of SeqIDs Defined: 391  
Actual SeqID Count: 391

Error code	Error Description
E 104	Command to process tag does not exist: Tag: 2_ii_D
E 104	Command to process tag does not exist: Tag: 2_ii_D

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: PARMA, et al.
- (ii) TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS  
TO LECTINS
- (iii) NUMBER OF SEQUENCES: 391
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: Swanson & Bratschun, L.L.C.
  - (B) STREET: 8400 E. Prentice Avenue, Suite 200
  - (C) CITY: Englewood
  - (D) STATE: Colorado
  - (E) COUNTRY: USA
  - (F) ZIP: 80111
- (v) COMPUTER READABLE FORM:
  - (A) MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
  - (B) COMPUTER: IBM pc compatible
  - (C) OPERATING SYSTEM: MS-DOS
  - (D) SOFTWARE: WordPerfect 6.0
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER: 10705300
  - (B) FILING DATE: 10-NOV-2003
  - (C) CLASSIFICATION: <Unknown>
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US/08/952,793
  - (B) FILING DATE: 20-NOV-1997
  - (A) APPLICATION NUMBER: PCT/US96/09455
  - (B) FILING DATE: 05-JUN-1995
  - (A) APPLICATION NUMBER: 08/479,724
  - (B) FILING DATE: 07-JUN-1995
  - (A) APPLICATION NUMBER: 08/472,256
  - (B) FILING DATE: 07-JUN-1995
  - (A) APPLICATION NUMBER: 08/472,255
  - (B) FILING DATE: 07-JUN-1995
  - (A) APPLICATION NUMBER: 08/477,829
  - (B) FILING DATE: 07-JUN-1995
- (viii) ATTORNEY/AGENT INFORMATION:
  - (A) NAME: Barry J. Swanson
  - (B) REGISTRATION NUMBER: 33,215
  - (C) REFERENCE/DOCKET NUMBER: NEX40C/PCT
- (ix) TELECOMMUNICATION INFORMATION:
  - (A) TELEPHONE: (303) 793-3333
  - (B) TELEFAX: (303) 793-3433

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 98 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: RNA
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All U's are 2'-NH2 uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GGGAAAAGCG AAUCAUACAC AAGANNNNNNN NNNNNNNNNNN NNNNNNNNNNN 50  
 NNNNNNNNNNN NNNNNNNNNNN NNNNGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO: 2:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 41 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: RNA
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All U's are 2'-NH2 uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 

UAAUACGACU CACUAUAGGG AAAAGCGAAU CAUACACAAG A 41

(2) INFORMATION FOR SEQ ID NO: 3:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 24 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: RNA
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All U's are 2'-NH2 uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 

UUCUCGGUUG GUCUCUGGCG GAGC 24

(2) INFORMATION FOR SEQ ID NO: 4:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 96 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: RNA
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All U's are 2'-NH2 uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 

GGGAAAAGCG AAUCAUACAC AAGAAUGGUU GGCCUGGGCG CAGGCUUCGA 50  
 AGACUCGGCG GGAACGGGAA UGGCUCCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO: 5:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 98 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: RNA
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine
- (ix) FEATURE:
  - (D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
GGGAAAAGCG AAUCAUACAC AAGACAGGCA CUGAAAACUC GGCGGGAACG 50  
AAAGUAGUGC CGACUCAGAC GCGUGCUCGG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 91 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: RNA  
(ix) FEATURE:  
(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
(ix) FEATURE:  
(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
GGGAAAAGCG AAUCAUACAC AAGAAGUCUG GCCAAAGACU CGGCGGGAAC 50  
GUAAAACGGC CAGAAUUGCU CCGCCAGAGA CCAACCGAGA A 91

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 94 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: RNA  
(ix) FEATURE:  
(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
(ix) FEATURE:  
(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
GGGAAAAGCG AAUCAUACAC AAGAGUAGGA GGUUCCAUCA CCAGGACUCG 50  
GCGGGAACGG AAGGUGAUGS GCUCCGCCAG AGACCAACCG AGAA 94

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 95 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: RNA  
(ix) FEATURE:  
(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
(ix) FEATURE:  
(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
GGGAAAAGCG AAUCAUACAC AAGAACAAGG AUCGAUGGCG AGCCGGGGAG 50  
GGCUCGGCGG GAACGAAUUC UGCUCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 97 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: RNA  
(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

GGGAAAAGCG AAUCAUACAC AAGAUUGGGC AGGCAGAGCG AGACCGGGGG 50

CUCGGCGGGA ACGGAACAGG AAUGCUCGCG CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

GGGAAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC 50

AAGACUCGGC GGGAACGAAG GGUGCUCGCG CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 96 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAA GUGUCAUGGU 50

AGCAAGUCCA AUGGUGGACU CUGCUCGGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGUGA AGUGGGUAGG 50

UAGCUGAAGA CGGUCUGGGC GCCAGCUCG CAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 99 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

GGGAAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC	50
AAGACUCGGC GGGAACGAAG GUCCGCUCC GCCAGAGACC AACCGAGAA	99

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAG UGUGUGAGUA	50
ACGAUCACUU GGUACUAAAA GCCCGCUCCG CCAGAGACCA ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO: 15:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 100 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGAA AGUGUACUGA	50
AUUAGAACGG UGGGCCUGCU CAUCGUGCUC CGCCAGAGAC CAACCGAGAA	100

(2) INFORMATION FOR SEQ ID NO: 16:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 103 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGUA AUGUGGAUGA	50
UAGCACGAUG GCAGYAGUAG UCGGACCGCG CUCCGCCAGA GACCAACCGA	100
GAA	103

(2) INFORMATION FOR SEQ ID NO: 17:

(i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 98 base pairs  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear  
 (ii) MOLECULE TYPE: RNA  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
 GGGAAAAGCG AAUCAUACAC AAGACAGCGG CGGAGUCAGU GAAAGCGUGG 50  
 GGGGYGCGGG AGGUCUACCC UGACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO: 18:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 95 base pairs  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear  
 (ii) MOLECULE TYPE: RNA  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
 GGGAAAAGCG AAUCAUACAC AAGACGGCUG UGUGUGGUAG CGUCAUAGUA 50  
 GGAGUCGUCA CGAACCAAGG CGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO: 19:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 98 base pairs  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear  
 (ii) MOLECULE TYPE: RNA  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
 GGGAAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA 50  
 GUAGGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO: 20:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 97 base pairs  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear  
 (ii) MOLECULE TYPE: RNA  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  
 (ix) FEATURE:  
 (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
 GGGAAAAGCG AAUCAUACAC AAGACGAUGC GAGGCAAGAA AUGGAGUCGU 50



## (2) INFORMATION FOR SEQ ID NO: 21:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: RNA

## (ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH<sub>2</sub> cytosine

## (ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH<sub>2</sub> uracil

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

GGGAAAAGCG AAUCAUACAC AAGACUGGCG GAGCAAUAG GGAUCAUGG 50

AGUCGUACGA ACCGUUAUCG CGCUCCGCCA GAGACCAACC GAGAA 95

## (2) INFORMATION FOR SEQ ID NO: 22:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: RNA

## (ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH<sub>2</sub> cytosine

## (ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH<sub>2</sub> uracil

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:

GGGAAAAGCG AAUCAUACAC AAGACUGGGG AGCAGGAUUAU GAGAUGUGCG 50

GGGCAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA 97

## (2) INFORMATION FOR SEQ ID NO: 23:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: RNA

## (ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH<sub>2</sub> cytosine

## (ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH<sub>2</sub> uracil

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:

GGGAAAAGCG AAUCAUACAC AAGAGUCCGC CCCAGGGGAU GCAACGGGGU 50

GGCUCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA 95

## (2) INFORMATION FOR SEQ ID NO: 24:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: RNA

## (ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH<sub>2</sub> cytosine

## (ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

GGGAAAAGCG AAUCAUACAC AAGAGAGAAU GAGCAUGGCC GGGGCAGGAA	50
GUGGGUGGCA ACGGAGGCCA GCUCCGCCAG AGACCAACCG AGAA	94

(2) INFORMATION FOR SEQ ID NO: 25:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 95 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:

GGGAAAAGCG AAUCAUACAC AAGAGAUACA GCGCGGGUCU AAAGACCUUG	50
CCCCUAGGAU GCAACGGGGU GGCUCGCCA GAGACCAACC GAGAA	95

(2) INFORMATION FOR SEQ ID NO: 26:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 97 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:

GGGAAAAGCG AAUCAUACAC AAGAUGAAGG GUGGUAAGAG AGAGUCUGAG	50
CUCGUCCUAG GGAUGCAACG GCAGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO: 27:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 99 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:

GGGAAAAGCG AAUCAUACAC AAGACAAACC UGCAGUCGCG CGGUGAAACC	50
UAGGGUUGCA ACGGUACAUC GCUGUGCUCC GCCAGAGACC AACCGAGAA	99

(2) INFORMATION FOR SEQ ID NO: 28:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 97 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:  
(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:  
(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:  
GGGAAAAGCG AAUCAUACAC AAGAGUGGAC UGGAAUCUUC GAGGACAGGA 50  
ACGUUCCUAG GGAUGCAACG GACGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO: 29:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 97 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:  
(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:  
(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
GGGAAAAGCG AAUCAUACAC AAGAGUGUAC CAAUGGAGGC AAUGCUGCGG 50  
GAAUGGAGGC CUAGGGAUGC AACGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO: 30:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 97 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

(ix) FEATURE:  
(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(ix) FEATURE:  
(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
GGGAAAAGCG AAUCAUACAC AAGAGUCCCU AGGGAUGCAA CGGGCAGCAU 50  
UCGCAUAGG